

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Reissue Application of

: Attn: **BOX REISSUE**

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: **Attorney Docket No. 2003\_1117**

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Mitsuaki OSHIMA et al.

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Serial No. NEW

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THE COMMISSIONER IS AUTHORIZED  
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**PRELIMINARY AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Prior to initial examination of the above-identified application, please amend the application as follows:

**IN THE SPECIFICATION AND ABSTRACT:**

**Please replace the specification and abstract with the attached substitute specification and abstract.**

**IN THE CLAIMS:**

**Please cancel claims 1-12 without prejudice or disclaimer to the subject matter therein.  
Please add new claims 13-20 as follows.**

**13. A signal transmission apparatus comprising:**

**- a modulator operable to modulate a carrier wave with an input signal to produce a modulated signal, and**

**- a transmitter operable to transmit the modulated signal.**